

DERWENT-ACC-NO: 2001-195755  
DERWENT-WEEK: 200223  
COPYRIGHT 1999 DERWENT INFORMATION LTD

TITLE: Information transfer procedure for hard disk,  
involves impressing  
magnetic field along the direction of track of disk by  
sticking magnetic  
carrier for information transfer with the disk

INVENTOR: KOMATSU, K; NAGAO, M ; NISHIKAWA, M

PATENT-ASSIGNEE: FUJI PHOTO FILM CO LTD [FUJF]

PRIORITY-DATA:  
1999JP-0117800 (April 26, 1999)

PATENT-FAMILY:

PUB-NO	PUB-DATE	LANGUAGE
PAGES	MAIN-IPC	
JP 2001014667	January 19, 2001	N/A
012	G11B 005/86	
A	October 29, 2001	N/A
000	G11B 005/86	
KR 2001093638	October 10, 2001	E
000	G11B 005/86	
A		

EP 1143422 A2

DESIGNATED-STATES: AL AT BE CH CY DE DK ES FI FR GB GR IE IT  
LI LT LU LV MC MK N  
L PT RO SE SI TR

APPLICATION-DATA:

PUB-NO	APPL-DESCRIPTOR	APPL-NO
APPL-DATE		
JP2001014667A	N/A	2000JP-0090254
March 29, 2000		
KR2001093638A	N/A	2001KR-0001355
January 10, 2001		
EP 1143422A2	N/A	2000EP-0128736
December 29, 2000		

INT-CL (IPC): G11B005/596; G11B005/82 ; G11B005/85 ;  
G11B005/86  
ABSTRACTED-PUB-NO: JP2001014667A

BASIC-ABSTRACT:

NOVELTY - The master carrier for information transfer, and the disk (4) which is already DC magnetized along the track, are stuck. Magnetic field for transferring information is impressed along the direction of disk track, by the master carrier.

DETAILED DESCRIPTION - The coercive force  $H_{cm}'$  of magnetic layer of master carrier is 47.7 kA/meter or 600 Oe. The coercive force  $H_{cs}'$  of disk is 143 kA/m or more or 1800 Oe. An INDEPENDENT CLAIM is also included for the magnetic transfer apparatus.

USE - For recording large quantity of information to computer hard disk.

ADVANTAGE - The information can be reliably transferred from master carrier to disk, without depending on the position and shape of the pattern.

DESCRIPTION OF DRAWING(S) - The figure explains the application procedure of magnetic field from master carrier to disk.

Disk 4

CHOSEN-DRAWING: Dwg.2/4

DERWENT-CLASS: T03

EPI-CODES: T03-A07B3A;